

Amended claims:

3. (Amended) A glass composition as claimed in claim 1, wherein a total ion oxide (T-Fe₂O₃) expressed as Fe₂O₃ is 0.4-1.9 wt.% and, the glass composition with a thickness from 1 to 6 mm has a solar energy transmittance of not greater than 60% and ultraviolet transmittance of not greater than 30% defined by ISO.

4. (Amended) A glass composition as claimed in claim 1, wherein the glass composition comprises 0.4-1 wt.% total ion oxide (T-Fe₂O₃) expressed as Fe₂O₃ and 0.01-0.40 wt.% TiO₂ and has a visible light transmittance of not smaller than 70% measured by the illuminant "A" with a thickness from 1 to 6mm.

5. (Amended) A glass composition as claimed in claim 1, wherein the glass composition comprises 0.4-0.65 wt.% total ion oxide (T-Fe₂O₃) expressed as Fe₂O₃ wherein a FeO ration expressed as Fe₂O₃ against the total ion oxide (T-Fe₂O₃) is 20-60 wt.%; not smaller than 0.01wt.% and smaller than 0.20wt.% TiO₂; and 0.1-2.0 wt.% CeO₂, and wherein the glass composition with a thickness from 3.5 to 5.0 mm has the visible light transmittance of not smaller than 70 %, the solar

energy transmittance of not greater than 55% and the ultraviolet transmittance of not greater than 15% defined by ISO when measured by using the illuminant "A".

5 6. (Amended) A glass composition as claimed in claim 1, wherein the glass composition comprises:

greater than 0.65wt.% and not greater than 0.90wt.% total ion oxide (T-Fe₂O₃) expressed as Fe₂O₃;

0.01-0.40wt.% TiO₂; and

greater than 1.4wt.% and not greater than 2.0wt.% CeO₂,

a FeO ratio expressed as Fe₂O₃ against the total ion oxide (T-Fe₂O₃) is 20-60 wt.%, and

the glass composition with a thickness from 1.8 to 4.0 mm has the visible light transmittance of not smaller than 70 %, the solar energy transmittance of not greater than 55% and the ultraviolet transmittance of not greater than 15% defined by ISO when measured by using the illuminant "A".

20 7. (Amended) A glass composition as claimed in claim 1, wherein the glass composition comprises:

smaller than 0.005 wt.% CoO;

not greater than 0.01 wt.% NiO; and

not greater than 0.001 wt.% Se.

Al Conc. 8. (Amended) A glass composition as claimed in claim 1, wherein the glass composition comprises:

5 0.9-1.9 wt.% T-Fe₂O₃;

0.005-0.05 wt.% CoO;

0-0.2 wt.% NiO; and

0-0.005 wt.% Se.

10 10. (Amended) A glass composition as claimed in claim 1, wherein the product of the mean linear expansion coefficient in a range of 50-350°C and Young's modulus is 0.71-0.90 MPa/°C.

15 11. (Amended) A glass composition as claimed in claim 1, wherein the mean linear expansion coefficient in a range of 50-350°C is 80x10⁻⁷-110x10⁻⁷/°C.

20 12. (Amended) A glass composition as claimed in claim 1, wherein the density measured at an ambient temperature is greater than 2.47g/cm³ and not greater than 2.65 g/cm³.

Amended claims:

3. (Amended) A glass composition as claimed in claim 1 [or 2], wherein a total ion oxide (T-Fe₂O₃) expressed as Fe₂O₃ is 0.4-1.9 wt.% and,

5 the glass composition with a thickness from 1 to 6 mm has a solar energy transmittance of not greater than 60% and ultraviolet transmittance of not greater than 30% defined by ISO.

10 4. (Amended) A glass composition as claimed in [any one of] claim[s] 1 [thorough 3], wherein the glass composition comprises 0.4-1 wt.% total ion oxide (T-Fe₂O₃) expressed as Fe₂O₃ and 0.01-0.40 wt.% TiO₂ and has a visible light transmittance of not smaller than 70% measured by the illuminant "A" with a thickness from 1 to 6mm.

15 5. (Amended) A glass composition as claimed in [any one of] claim[s] 1 [thorough 4], wherein the glass composition comprises 0.4-0.65 wt.% total ion oxide (T-Fe₂O₃) expressed as Fe₂O₃ wherein a FeO ration expressed as Fe₂O₃ against the total ion oxide (T-Fe₂O₃) is 20-60 wt.%;

20 not smaller than 0.01wt.% and smaller than 0.20wt.% TiO₂; and 0.1-2.0 wt.% CeO₂, and

wherein the glass composition with a thickness from 3.5 to 5.0 mm has the visible light transmittance of not smaller than 70 %, the solar energy transmittance of not greater than 55% and the ultraviolet transmittance of not greater than 15% defined by ISO when measured by using the illuminant "A".

6. (Amended) A glass composition as claimed in [any one of] claim[s] 1 [thorough 4], wherein the glass composition comprises:
greater than 0.65wt.% and not greater than 0.90wt.% total ion oxide (T-Fe₂O₃) expressed as Fe₂O₃;
0.01-0.40wt.% TiO₂; and
greater than 1.4wt.% and not greater than 2.0wt.% CeO₂,
a FeO ration expressed as Fe₂O₃ against the total ion oxide (T-Fe₂O₃) is 20-60 wt.%, and
the glass composition with a thickness from 1.8 to 4.0 mm has the visible light transmittance of not smaller than 70 %, the solar energy transmittance of not greater than 55% and the ultraviolet transmittance of not greater than 15% defined by ISO when measured by using the illuminant "A".

7. (Amended) A glass composition as claimed in [any one of]

claim[s] 1 [thorough 6], wherein the glass composition comprises:

smaller than 0.005 wt.% CoO;

not greater than 0.01 wt.% NiO; and

not greater than 0.001 wt.% Se.

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8. (Amended) A glass composition as claimed in [any one of] claim[s] 1 [thorough 3], wherein the glass composition comprises:

0.9-1.9 wt.% T-Fe₂O₃;

0.005-0.05 wt.% CoO;

0-0.2 wt.% NiO; and

0-0.005 wt.% Se.

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10. (Amended) A glass composition as claimed in [any one of] claim[s] 1 [thorough 9], wherein the product of the mean linear expansion coefficient in a range of 50-350°C and Young's modulus is 0.71-0.90 MPa/°C.

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11. (Amended) A glass composition as claimed in [any one of] claim[s] 1 [thorough 10], wherein the mean linear expansion coefficient in a range of 50-350°C is 80×10^{-7} - 110×10^{-7} /°C.

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